

Title (en)

SYSTEM AND METHOD FOR TRANSFORMATION OF XML DOCUMENTS USING STYLESHEETS

Title (de)

SYSTEM UND VERFAHREN ZUR TRANSFORMATION VON XML-DOKUMENTEN MIT STYLESHEETS

Title (fr)

SYSTEME ET PROCEDE DE TRANSFORMATION DE DOCUMENTS XML AU MOYEN DE FEUILLES DE STYLES

Publication

EP 1502196 A1 20050202 (EN)

Application

EP 03724445 A 20030502

Priority

- US 0314017 W 20030502
- US 37726602 P 20020502

Abstract (en)

[origin: WO03094007A1] A method and apparatus are provided for creating and abstract machine instruction sequence from one or more stylesheets (12) and using this sequence to perform a transformation on one or more input documents (20). The method includes the steps of parsing the stylesheet and compiling it into the sequence of abstract machine instructions. The instructions are executed on the abstract machine (18) with input document(s) (20) to produce one or more output documents (22). More particularly, the method is directed to processing one or more XML documents (20) where the processing includes a plurality of stylesheets (12) using an abstract machine (18). The method includes the steps of reading a stylesheet (14) of the plurality of stylesheets (12), compiling the stylesheet (16) into a set of abstract machine instructions specialized for stylesheet processing and executing the instructions on the abstract machine (18).

IPC 1-7

G06F 15/00; G06F 7/00; G06F 12/00

IPC 8 full level

G06F 9/455 (2006.01); **G06F 9/45** (2006.01); **G06F 15/00** (2006.01); **G06F 17/30** (2006.01)

CPC (source: EP US)

G06F 16/88 (2018.12 - EP US)

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE SI SK TR

DOCDB simple family (publication)

WO 03094007 A1 20031113; AU 2003231305 A1 20031117; AU 2003231305 B2 20090108; CA 2484355 A1 20031113; EP 1502196 A1 20050202; EP 1502196 A4 20080402; US 2004010754 A1 20040115; US 7480856 B2 20090120

DOCDB simple family (application)

US 0314017 W 20030502; AU 2003231305 A 20030502; CA 2484355 A 20030502; EP 03724445 A 20030502; US 42824903 A 20030502